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ATTY. DOCKET NO. 1488.131000D/EJH/SJE FIRST NAMED INVENTOR APPLICATION NO. 10/774,622

Page 2 of 2

Ni et al.

FILING DATE February 10, 2004

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CK	AS	34	Tout dated	I 14 April 2005 Opposition to A	cument, EVIDENCE IN Stogether with Exhibits Statement Applica DO NOT PRINT	DT-1 to SDT-3	, submitted by	Genentech,
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Equivalent of Form PTO/SB/08A (07-05)

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Substitute for form 1449/PTO	Complete	OIFE	
MANUAL CAMPA DAKENITA	Application Number	10/774,622	7
THIRD SUPPLEMENTAL	Filing Date	February 10, 200	NOV 0 4 2005 YE
INFORMATION DISCLOSURE	First Named Inventor	Jian Ni	A M
STATEMENT BY APPLICANT	Art Unit	1646	Vin A
(Use as many sheets as necessary)	Examiner Name	Kaufman, Claire N	A. PABEMAST
Sheet 1 of 1	Attorney Docket Number	1488.131000D/EJ	H/SJE

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CK	AP4	WO 98/58062 A1	12/23/1998	Genentech, Inc.		
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English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CK	AA1	4,002		01/11/1977	Royer	195	68	
	ĀB1	4,946	6,778	08/07/1990	Ladner et al.	435	69.6	01/19/1989
	AC1	5,349	9,053	09/20/1994	Landolfi	530	351	06/10/1993
	AD1	5,44	7,851	09/05/1995	Beutler et al.	435	69/7	04/02/1992
	AE1	5,478	8,925	12/26/1995	Wallach et al.	530	3 51	08/07/1992
	AF1	5,530	0,101	06/25/1996	Queen et al.	530	387.3	12/19/1990
	AG1	5,56	5,332	10/15/1996	Hoogenboom et al.	435	69.1	09/23/1994
	AH1	5,64	3,575	07/01/1997	Martinez et al.	424	94.1	10/27/1993
	Al1	5,76	3,223	06/09/1998	Wiley et al.	435	69.5	06/25/1996
	AJ1	5,80	7,715	09/15/1998	Morrison et al.	435	69.6	06/27/1994
CK	AK1	6,07	2,047	06/06/2000	Rauch et al.	536	23.5	06/26/1997
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	AL1	EP 0	239 400 B1	09/30/1998	Europe	\rightarrow		No Yes
	AM1	EP 0	401 384 B1	12/12/1990	Europe			No Yes
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V	AO1	wo	91/09967	07/11/1991	WIPO			No Yes
CK	AP1	CA 2	2045869	12/29/1991	Canada			No No
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CK	AR	1	Induce FAC	, P.M., <i>et al.</i> , " DD-Dependent (December 19	Death Receptor 5, a New Apoptosis and Activate 197).	v Member o the NF-ĸB F	of the TNFR Fam Pathway," <i>Immui</i>	ily, and DR4 hity7:821-830,
CK	AS	1	Related to	TNFR-1 and C	'Signal Transduction by E D95," <i>Science 274</i> :990-9 (November 1996).	DR3, a Dea 992, Americ	th Domain-Conta can Association t	aining Receptor for the
CK	AT	1	Delgado, C Carrier Sys	C., <i>et al.</i> , "The l S. 9:249-304, C	Uses and Properties of P CRC Press, Inc. (1992).	EG-Linked	Proteins," Crit. F	Rev. Ther. Drug
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FORM PTO-1449	ATTY. DOCKET NO. 1488.131000D/EKS/EJH/SJE	APPLICATION NO. To be assigned	
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CK	AA2	6,313,269 B1	11/06/2001	Deen et al.	6 30	350	06/15/1999
	AB2	6,342,369 B1	01/29/2002	Ashkenazi	435	68.1	05/14/1998
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CK	AR	Huston Enzyme	, J.S., <i>et al.</i> , "Protei o <i>l. 203</i> :46-88, Acad	n Engineering of Single emic Press, Inc. (1991)	-Chain Fv Analogs :	and Fusion Prote	eins," <i>Meth</i> .
CK	AS	Marste 7:1003	rs, S.A., <i>et al.</i> , "A no -1006, Current Biol	ovel receptor for APO2L ogy Ltd. (December 199	/Trail contains a tru 97).	incated death do	main," <i>Curr. Bio</i>
CK	AT	Polyme	go, M., <i>et al.</i> , "Cova ers for Pharmaceuti na Press Inc. (Janua	alent Modification of Mu cal and Biocatalysis App ary 1996).	shroom Tyrosinase plications," <i>Appl. Bi</i>	with Different Ar ochem. Biotechn	niphiphic ol. 56:59-72,
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CK	AR	3	Morrison, S. Association	L., "Transfector for the Advance	mas Provide Novel Chi ement of Science (1985	meric Antibodies, i).	* Science 229:1202	-1207, Americar
CK	AS	3	Pan, G., et a Association	n/., "The Receptor the Advance	tor for the Cytotoxic Lig ement of Science (April	and TRAIL," Scie 1997).	nce 276:111-113, A	American
CK	AT	3	Pan, G., et a Science 277	al., "An Antagor 7:815-818, Ame	nist Decoy Receptor an rican Association for th	d a Death Domain e Advancement o	n-Containing Recept of Science (August	otor for TRAIL," 1997).
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CK	AS	4	Roguska, M.A., et al., "Humanization of murine monoclonal antibodies through variable domain resurfacing," <i>Proc. Natl. Acad. Sci. USA 91</i> :969-973, National Academy of Sciences (1994).						
CK	АТ	4	Schneide Activate	эг, Р., et al., "ТБ NF-кВ," Immun	RAIL Receptors 1 (DR4) an ity 7:831-836, Cell Press (I	nd 2 (DR5) Signal F December 1997).	ADD-Dependen	t Apoptosis and	
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CK	AS	<u>5</u>	Sheridan, J Receptors," 1997).	Sheridan, J.P., et al., "Control of TRAIL-Induced Apoptosis by a Family of Signaling and Decoy Receptors," Science 277:818-821, American Association for the Advancement of Science (August 1997).							
CK	AT	<u>5</u>	Uhlén, M., 6 3:363-369,	et al., "Fusion Current Biolo	proteins in biotechnolog gy Ltd. (1992).	y and structural biolog	gy," Curr. Opin.	Biotechnol.			
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ATTY. DOCKET NO. 1488.131000D/EKS/EJH/SJE	APPLICATION NO. To be assigned
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CK	AS	<u>6</u>	Ligand by	Zamai, L., et al., "Natural killer (NK) Cell-mediated Cytotoxicity: Differential Use of TRAIL and Fas Ligand by Immature and Mature Primary Human NK Cells," J. Exp. Med. 188:2375-2380, Rockefeller University Press (December 1998).						
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FORM PTO-1449	ATTY. DOCKET NO. 1488.131000D/EKS/EJH/SJE	APPLICATION NO. To be assigned	
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CK	AT	7	Pending No	n-Provisional U	nited States Patent Applic	ation No.0	09/042,56	33, Ni e <i>t al</i> ., file	ed March 17,	
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			Page 8 of 14
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CK	AR	<u>8</u>	Pending Nor	n-Provisional Un	iited States Patent App	plication No.	09/565,00	09, Ni <i>et al.</i> , file	ed May 4, 2000.	
CK	AS	<u>8</u>	Pending Nor PUBLISHED and 190763.	ending Non-Provisional U.S. Patent Application No. 09/912,293, filed July 26, 2001, NOT UBLISHED: pages 1-75 (pages 1 + 2 partially redacted); portion of Table 2; and SEQ ID NOs.: 7851 and 190763.						
CK	AT	<u>8</u>	Beutler, B., a Mediator," A	and Cerami, A., nn. Rev. Bioche	"Tumor Necrosis, Cac em. 57:505-518, Annua	hexia, Shocl al Reviews Ir	k, and Infl nc. (1988)	ammation: A C	common	
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FORM PTO-1449	ATTY. DOCKET NO. 1488.131000D/EKS/EJH/SJE	APPLICATION NO. To be assigned	
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CK	AR	<u>9</u>	Fiers, W., 'T Lett. 285:19	Fiers, W., "Tumor necrosis factor. Characterization at the molecular, cellular and in vivo level," FEELett. 285:199-212, Elsevier Science B.V. (1991).						
CK	AS	9	Goeddel, D. Harb. Symp	toeddel, D.V., et al., "Tumor Necrosis Factors: Gene Structure and Biological Activities," Cold Spring larb. Symp. Quant. Biol. 51(Pt. 1):597-609, Cold Spring Harbor Laboratory Press (1986).						
CK	АТ	9		Solstein, P., "Cell death: TRAIL and its receptors," <i>Curr. Biol.</i> 7:R750-R753, Current Biology Ltd. December 1997).						
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CK	AR	<u>10</u>	Gruss, HJ., Pathology of (1995).	Gruss, HJ., and Dower, S.K., "Tumor Necrosis Factor Ligand Superfamily: Involvement in the lathology of Malignant Lymphomas," <i>Blood 85</i> :3378-3404, The American Society of Hematology						
CK	AS	<u>10</u>	Locksley, R. Cell 104:487	Locksley, R.M., et al., "The TNF and TNF Receptor Superfamilies: Integrating Mammalian Biology," Cell 104:487-501, Cell Press (February 2001).						
CK	AT	<u>10</u>	Nagata, S.,	"Apoptosis by Do	eath Factor," Cell 88:355					
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CK	AR	<u>11</u>	Old, L.J., "Ti	umor Necrosis	Factor," Scientific Ame	erican, pp. 59-	-75, Scie	ntific American,	, Inc. (May 1988).
CK	AS	11	cytokines an	"TNF Ligand and other media op. 377-411 (A	and TNF/NGF Recepto tors of host defense, O ugust 2000).	r Families," in ppenheim, J.	Cytokind J., et al.,	e <i>Reference. A</i> eds., Academio	a compendium of Press, Inc., San
CK	AT	11	Brojatsch, J. Leukosis-Sa	., et al., "CAR1 ircoma Viruses	, a TNFR-Related Protes and Mediates Apoptos	ein, Is a Cellu sis," <i>Cell 87</i> :8	llar Rece 45-855, (ptor for Cytopa Cell Press (Nov	thic Avian rember 1996).
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CK	AR	<u>12</u>	Chapman, B TNFR-I and	.S., "A region o Fas," <i>FEBS L</i> e	f the 75 kDa neurotro tt. 374:216-220, Elsev	ophin receptor vier (1995).	homologo	ous to the deal	th domains of
CK	AS	12	Rabizadeh, S American As	S., et al., "Induc sociation for th	ction of Apoptosis by to a Advancement of Sc	the Low-Affinit cience (1993).	y NGF Re	eceptor," Scier	nce 261:345-348,
CK	AT	12	Tartaglia, L., 853, Cell Pro	A., <i>et al.</i> , "A No ess (1993).	vel Domain within the	55 kd TNF Re	eceptor S	ignals Cell De	ath," Cell 74:845-
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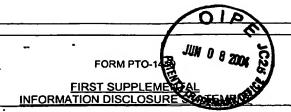
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CK	AT	<u>13</u>	Copy of prov	risional U.S. app	lication 60/040,846, invento					
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FORM PTO-1449	ATTY. DOCKET NO. 1488.131000D/EKS/EJH/SJE	APPLICATION NO. To be assigned 10/774,622
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CK	AS	14	Copy of	Copy of U.S. application 08/857,216, inventor Ashkenazi, filed May 15, 1997.						
CK	AT	14	Stateme Australia	an Patent Appli	and Particulars filed in the cation 747635 (67635/98)	by Genentech, Inc.	n Genome Scien	ces, Inc.,		
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CK	AR	<u>15</u>	granulocytic	infi	Itration but	do	es not confer immune pr 7, National Academy Pre	ivilege u	ipoi	n islet allograf	ts," Proc. Natl.
	AS	<u>15</u>	Allison, J., a CD95," <i>Proc</i> 1998)	Allison, J., and Strasser, A., "Mechanisms of β cell death in diabetes: A minor role for CD95," <i>Proc. Natl. Acad. Sci. USA</i> 95:13818-13822, National Academy Press (November 1998)							
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CK	AT ·	<u>15</u>	Homology to	odmer, JL., et al., "TRAMP, a Novel Apoptosis-Mediating Receptor with Sequence omology to Tumor Necrosis Factor Receptor 1 and Fas(Apo-1/CD95)," Immunity 6:79-88, ell Press (January 1997)							
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CK	AS	16	Family Th	at Weakly Inc	nl., "TWEAK, a New Soluces Apoptosis," <i>J. B</i> olecular Biology, Inc. (iol. Chem. 272:324					
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CK	AR	<u>17</u>		and Disease Pr M (June 1997)	ogression," <i>Ann. Med.</i> 29	:185-188, Fi	nnish Medical	Society	
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CK	AR	<u>18</u>	Duan, H. a	nd Dixit, V.M.,	"RAIDD is a new 'death' ad I. (January 1997)	aptor mol	ecule," <i>Nature</i> 3	385:86-89,
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CK	АТ	<u>19</u>	Hildeman, Member Bi	Hildeman, D.A., et al., "Activated T Cell Death In Vivo Mediated by Proapoptotic Bcl-2 Family Member Bim," Immunity 16:759-767, Cell Press (June 2002)					
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CK	AS	20	Ho, Y.S., protein-lil	et al., "Brain ce trimer," Na	acetylhydrolase that in: ture 385:89-93, Macmi	activates platelet-a llan Publishers, Ltd	ectivating facto d. (January 19	r is a G- 97)
CK	AT	20	Hofmann Biochem	, K., and Buc Sci. 22:155-	her, P., "The CARD doi 156, Elsevier Science,	main: a new apopt Ltd. (May 1997)	otic signalling	motif," <i>Trends</i>
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CK	AS	21	Hsu, H., Recepto	et al., "TRAD or 1 Signal Tra	D-TRAF2 and Tansduction Path	RADD-FADI ways," <i>Cell 8</i>	D Interactions 4:299-308, Ce	Define Two Dell Press (Janu	stinct TNF ary 1996)
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CK	AT	22			ition of death receptor Ltd. (July 1997)	signals by cellular	FLIP," Nature	<i>388</i> :190-195,
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CK	AS	23	Signal,"	Immunity 8:29	The Death Domain Kin 97-303, Cell Press (Ma	rch 1998)		
CK	AT	23	Human I	Endothelial Co	ripheral Blood Monont ells and May Prevent F lematology (March 199	Repair: Role of Cyte	Programmed (okines," <i>Blood</i> (Cell Death in 89:1931-1938,
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CK	AT	24	Cytotoxic	Ligand TRAI	"Identification and Mole L," <i>J. Biol. Chem. 272</i> :2 cular Biology, Inc. (Oct	25417-25420, Ame		
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CK	AS	<u>25</u>	Muzio, M., et al., "IRAK (Pelle) Family Member IRAK-2 and MyD88 as Proximal Mediators of IL-1 Signaling," Science 278:1612-1615, American Association for the Advancement of Science (November 1997)						
CK	AT	<u>25</u>	Newton, K., et al., "A dominent interfering mutant of FADD/MORT1 enhances deletion of autoreactive thymocytes and inhibits proliferation of mature T lymphocytes," EMBO J. 17:706-718, Oxford University Press (February 1998)						
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CK	AS	<u>27</u>	O'Conner, L., et al., "CD95 (Fas/APO-1) and p53 Signal Apoptosis Independently in Diverse Cell Types," Cancer Res. 60:1217-1220, American Association for Cancer Research (March 2000)								
CK	AT	<u>27</u>	Odaka, C., dividing ce	Odaka, C., et al., "Immunosuppressant deoxyspergualin induces apoptotic cell death in dividing cells," <i>Immunol. 95</i> :370-376, Blackwell Science, Ltd. (November 1998)							
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CK	AS	28	Screaton, G.R., et al., "LARD: A new lymphoid-specific death domain containing receptor regulated by alternative pre-mRNA splicing," <i>Proc. Natl. Acad. Sci. USA 94</i> :4615-4619, National Academy Press (April 1997)						
CK	AT	28	Shadmehr Science 2	Shadmehr, R., and Holcomb, H.H., "Neural Correlates of Motor Memory Consolidation," Science 277:821-825, American Association for the Advancement of Science (August 1997)					
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CK	AS	29	(Fas/APO-	1)-transduced	mA expression in T apoptosis, but does 167-5176, Oxford Ur	not cause ly	ymphod	enopathy or a	nhibits CD95 autoimmune
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CK	AS	30	Mitogen-a	Villunger, A., et al., "Fas Ligand, Bcl-2, Granulocyte Colony-Stimulating Factor, and p38 Mitogen-activated Protein Kinase: Regulators of Distinct Cell Death and Survival Pathways Granulocytes," J. Exp. Med. 192:647-657, Rockefeller University Press (September 2000)					
CK	AT	30	Extensive Does Not	unger, A., et al., "Fas Ligand-Induced c-Jun Kinase Activation in Lymphoid Cells Requires tensive Receptor Aggregation But Is Independent of DAXX, and Fas-Mediated Cell Death es Not Involve DAXX, RIP, or RAIDD," J. Immunol. 165:1337-1343, American Association Immunologists (August 2000)					
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